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Telescopic bollards

Automatic - Semiautomatic



Specialists in Bollards >>

Bollards designed and manufactured in Spain by ADO



AUTOMATIC RETRACTABLE BOLLARDS

Automatic retractable bollards to delimit access to public and private places.

- Public: Control of limited traffic, control in zones pedestrians: towns, pedestrian zones, lanes reserved for public services, markets, squares, public car parks...
- Private: private car parks, companies, communities, industrial areas, banks, embassies, police headquarters, jewelry stores, shops, military bases, big stores...

Characteristics:

- Chassis built of high strength welded steel, slide rails available to ensure perfect alignment and concentricity of the bollard. Baked black powder coating finish.
- Cover made of steel of 8 / 10 mm. (depends to the model) thick with plastic ring inside to the proper sliding of the bollard, avoiding this way noise and scratches.
- Galvanized steel drawer with top style frame.
- Hydraulic operation.
- Stem Bollard in iron or stainless steel.
- Positive or negative security according to customer needs.



Specifications: Automatic rising bollards

Model	Diameter	Thicknes	Material	Height	Rise and fall time
Melbourne	ø120/200/250 mm.	10 mm.	Iron	500/750 mm	For further information
Sydney*	ø120/220/274 mm.	10 mm.	AISI 304	500/750 mm.	For further information

**there is an option of stainless steel fabrication. AISI 316 anticorrosive marine.*



We are manufacturers and we can adapt our bollards according to the customer needs. Suitable for all types of diameters, heights, thicknes, materials and designs.

SEMIAUTOMATIC RETRACTABLE BOLLARDS

They are aesthetically identical to the automatic version. Easy operation through key that unlocks the lock, once the bollard gets unblocked it rises automatically through a gas piston.

Highly recommended for those places that do not require many openings a day, ideal for anti-vandal protection.

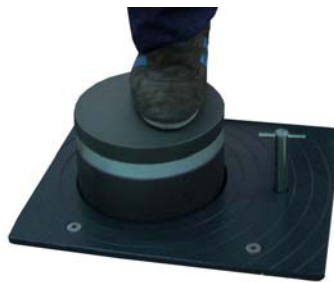
Functioning Maneuver

Fall

1- Introducing and turning the provided key, allows that when pressing the top of the bollard can go down blocking itself on the floor automatically.



Introduce and turn the lock release living free the latch.



The bollard gets retracted when pressing on it.



Remove key. If the key is turned back the bollard will rise up again.

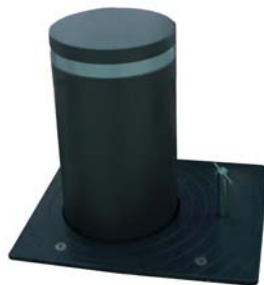


Rise

2- Introducing and turning the provided key unlocks the anchoring system allowing the bollard to re-emerge again and blocking itself and re-emerge in the raised position.



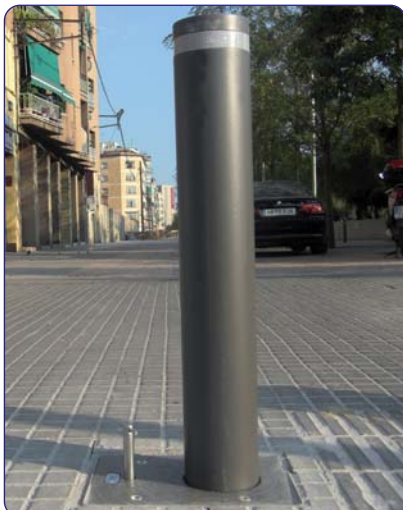
Introduce the key and turn the lock-release and living free the latch.



The bollard automatically rise by a gas piston effect.



The bollard is locked on the top preventing the flow of vehicles.



Specifications iron Semiautomatic retractable bollard.

Model	Diameter	Thicknes	Material	Height
Adelaida	ø120/200/250 mm*	4/5 mm*	Hierro	500/750 mm
Melbourne	ø120/200/250 mm*	10 mm	Hierro	500/750 mm

*Depending on model

Specifications semi-automatic retractable stainless steel bollards.

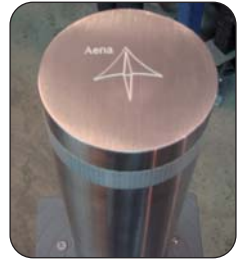
Model	Diameter	Thicknes	Material	Height
Camberra	ø120/220/274 mm*	3,5/4 mm*	AISI 304	500/750 mm.
Sydney	ø120/220/274 mm*	10 mm	AISI 304	500/750 mm.

Possibility to manufacture in stainless steel AISI 316 anticorrosive marine.

*Depending on model

OPTIONAL SUPPLEMENTS

- Additional reflective tape + horizontal milling.
- Led Crown with 32 or 16 LEDS depending on diameter.
Standard colors according maneuver:
- Amber: intermittent when maneuvering up or down.
- Red: high position.
On request Leds blue / white.
- Vertical Milling (12, 8 or 6 depending the diameter).
- Personalized shield, logo or text.
- Manufacturing according to slope or hilly street.
- Key customized security Lock.
- Security screws.
- Heater (to prevent from ice).
- High security: iron or stainless steel of 22 mm thick.
- Plasfix Finishing (steel or stainless steel + plastified).
- Special designs (according to customer needs)
- Warning bollards traffic sign.
- Two solar leds in the top of the bollard (only semiautomatic version)



ACCESS CONTROL POSTS



Access post driver for bollards built on iron (powder coating finish) or stainless steel. Several models to choose.

Customizing opening systems and lights depending on customer requirements.

- Opening systems: proximity cards, key, keypad, remote control, TAGS, intercoms and autonomous video intercoms or via IP, GSM, SMS, GPRS,...
- Light signs: Traffic lights, Leds control panels (button-type).
- Possibility of shield customization, logo or identifying municipality text.



Optional leds crown.



TAG detail and information traffic signal caution automatic bollards.



Personalized desing.

POLYMERIC RETRACTABLE BOLLARDS

Semiautomatic and automatic retractable bollards constructed with a polymer material with reinforcing nano-particles, which offer great resistance and flexibility in case of impact.

With this material we can offer a variety of finishes and textures, such as imitation stainless steel, Corten steel, stone, granite..



POLYMERIC RETRACTABLE AUTOMATIC BOLLARDS

Saturn automatic retractable bollards to delineate access in public or private places
Feature.

Characteristics:

- Chassis built of high strength welded steel. Sliding rails available to ensure perfect alignment and concentricity of the bollard. Black powder coating finish.
- Cover made of steel of 8 mm. thick plastic ring inside to the proper sliding of the bollard, avoiding noise and scratches.
- Galvanized steel drawer with top style frame.
- Hydraulic operation.
- Fortified stem built with polymer material and nanoparticles x-last.
- Positive and negative security according to customer needs.
- Reflective tape housed inside the recess of the stem.



Model	Diameter	Thicknes	Material	Height	Rise and fall time
Saturno	ø 220 mm.	8 mm.	Polymer	450 mm	Depending on the model

POLYMERIC RETRACTABLE SEMIAUTOMATIC BOLLARDS



They are aesthetically identical to the automatic version. Easy operation introduce the key and turn the lock-release and leaving free the lach.

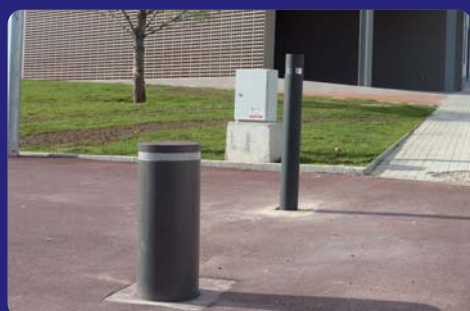
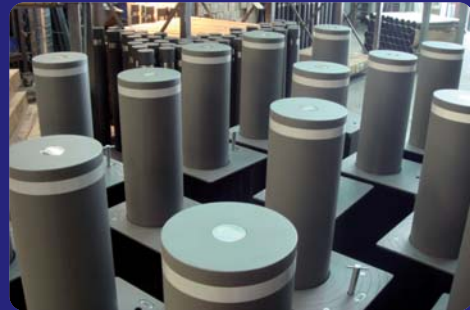
The bollard automatically rise by a gas piston effect.

Optional: Light led inside the bollard.



Model	Diameter	Thicknes	Material	Height	Rise and fall time
Saturno	ø 220 mm.	8 mm.	Polymer	450 mm	Depending on the model

We are a spanish manufacturers and we can adapt our bollards according to the customer needs. Suitable for all types of diameters, heights, thickness, materials and designs.



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